

## Individual Literature Course specialisation in Biomedicine, 3 credits

### *Individuell läskurs inriktning biomedicin, 3 högskolepoäng*

<b>Course Code/Codes</b>	75MV005
<b>Subject Area</b>	Medical Science
<b>School/equivalent</b>	School of Medical Sciences
<b>Valid from</b>	2023-01-02
<b>Approved</b>	2019-03-18
<b>Revised</b>	2023-01-02
<b>Approved by</b>	Head of school
<b>Translation to English, date and signature</b>	2019-03-18 I.R

## 1 Course content

The course is an individual reading course with the focus on acquiring knowledge in a relevant research area that relates to the doctoral student's thesis. The aim is to acquire knowledge of theories and methods within the current research area based on previous research.

## 2 Outcomes

### 2.1 The course in relation to the doctoral programme

The course shall primarily refer to the following intended learning outcomes for third-cycle courses and study programmes as described in the Higher Education Ordinance, i.e. the doctoral student shall demonstrate:

#### *Knowledge and understanding*

- broad knowledge and systematic understanding of the research field (part of outcome 1)
- advanced and up-to-date specialised knowledge in a limited area of this field (part of outcome 1)
- familiarity with research methodology in general (part of outcome 2)
- familiarity with the methods of the specific field of research in particular (part of outcome 2)

#### *Competence and skills*

- the capacity for scholarly analysis and synthesis (part of outcome 3)
- the ability to identify and formulate issues with scholarly precision critically, autonomously and creatively (part of outcome 4)
- the ability to identify the need for further knowledge (outcome 7)

#### *Judgement and approach*

- specialised insight into the possibilities and limitations of research, its role in society and the responsibility of the individual for how it is used (outcome 10)

The intended learning outcomes are listed in the same order as in the general syllabus for the programme.

## **2.2 Intended course learning outcomes**

To obtain a passing grade, the doctoral student shall demonstrate:

Knowledge and understanding

- an in-depth knowledge of a defined research area with indirect and direct relevance to the dissertation's focus
- knowledge of the main theories and methods applied in the current research area in relation to scientific theory and method in general.

Skills and abilities

- ability to critically and independently investigate and evaluate research literature in the field in question.
- skills in identifying and evaluating the need for additional knowledge and research issues in the current research area.

Evaluation ability and approach

- The ability to evaluate the strengths and weaknesses of the research area from a theoretical and methodological perspective.

## **3 Reading list and other teaching material**

The following course readings and teaching material will be used on the course:

The doctoral student chooses course literature in consultation with supervisor where the total number of pages is between 250 and 1000.

## **4 Teaching formats**

Teaching on the course takes the following format:

The course uses the following forms of education: Individual reading and oral presentation.

## **5 Examination**

The course is assessed through an examination consisting of the components listed below. The individual components are not graded separately but together they provide the basis for assessment and grading.

- A written assignment showing the doctoral student's understanding and ability to summarize knowledge of theories and methods within the current research area. The written assignment must be submitted before announced deadline in order to participate in the following examination component.
- An oral exam showing the doctoral student's ability to critically evaluate literature in the field in question and evaluate the need for additional knowledge.

## **6 Grades**

Examinations on third-cycle courses and study programmes are to be assessed according to a two-grade scale with either of the grades 'fail' or 'pass' (local regulations).

The grade shall be determined by a teacher specifically nominated by the higher education institution (the examiner) (Higher Education Ordinance).

To obtain a passing grade on examinations included in the course, the doctoral student is required to demonstrate that he/she attains the intended course learning outcomes as described in section 2.2. Alternatively, if the course consists of multiple examinations generating credit, the doctoral student is required to demonstrate that he/she attains the outcomes that the examination in question refers to in accordance with section 5.

A student who has failed an examination is entitled to a retake.

If an examination consists of several examination components, and a student fails an examination component, the examiner may, as an alternative to a retake, set a make-up assignment with regard to the examination component in question.

A doctoral student who has failed an examination twice for a specific course or course element is entitled, upon his/her request, to have another examiner appointed to determine the grade.

## **7 Admission to the course**

### **7.1 Admission requirements**

To gain access to the course and complete the examinations included in the course, the applicant must be admitted to a doctoral programme at Örebro University.

Furthermore, the applicant shall be admitted to the research subject Medical Science with a specialisation in Biomedicine.

Furthermore, the applicant may be admitted to doctoral programme at another Swedish higher education institution.

The applicant must also have completed

- *General Scientific Methods in Medical Science, Research Poster* (2,5 credits), course code 70ME060

- *General Scientific Methods in Medical Science, Report* (7,5 credits), course code 70ME061

Or:

- The following parts from *General Scientific Methods in Medical Science* (15 credits) 70ME075:

- Code 0200: *Scientific poster* (2,5 credits)

- Code 0300: *Report* (6,5 credits)

Or equivalent

### **7.2 Selection**

Selection between applicants who have been admitted to doctoral programmes at Örebro University and who otherwise meet the admission requirements as listed above is made according to the following order of precedence:

If no other selection criteria are specified in this section, priority shall be given to applicants with a lower number of course credits left before the award of their degree over applicants with a higher number of remaining course credits. Should two or more students have equal number of credits, selection will be done through the drawing of lots. This also applies within any selection groups listed unless otherwise stated.

### 7.3 Other applicants than doctoral students admitted at Örebro University

Other applicants than doctoral students admitted at Örebro University may be given access to the course on the grounds of provisions for and/or agreements regarding contracted courses, joint degrees, national graduate schools or cooperation in other respects with other universities.

Any decisions on what such other applicants may be given access to the course are made separately and on the basis of the provisions and/or agreements that occasion the student to apply for the course.

For participation in the course in other respects, the same provisions shall apply as for doctoral students admitted to Örebro University.

## **8 Transfer of credits for courses, study programmes and other experience**

Provisions on the transfer of credits can be found in the Higher Education Ordinance and on the university's webpage.

## **9 Other information**

The individual components (written assignment and oral exam) should be in English.

## **Transitional provisions**